1.

Out of the 11 words in *selected\_words*, which one is most used in the reviews in the dataset?



**awesome**



**love**



**hate**



**bad**



**great**

2.

Out of the 11 words in *selected\_words*, which one is least used in the reviews in the dataset?



**wow**



**amazing**



**terrible**



**awful**



**love**

3.

Out of the 11 words in *selected\_words*, which one got the most positive weight in the *selected\_words\_model*?



**amazing**



**awesome**



**love**



**fantastic**



**terrible**

4.

Out of the 11 words in *selected\_words*, which one got the most negative weight in the *selected\_words\_model*?



**horrible**



**terrible**



**awful**



**hate**



**love**

5.

In what range is the accuracy of the *selected\_words\_model* on the*test\_data*?



**0.811 to 0.841**



**0.841 to 0.871**



**0.871 to 0.901**



**0.901 to 0.931**

6.

In what range is the accuracy of the *sentiment\_model* in the IPython Notebook from lecture on the *test\_data*?



**0.811 to 0.841**



**0.841 to 0.871**



**0.871 to 0.901**



**0.901 to 0.931**

7.

In what range is the accuracy of simply predicting the majority class on the *test\_data*?



**0.811 to 0.841**



**0.841 to 0.871**



**0.871 to 0.901**



**0.901 to 0.931**

8.

How do you compare the different learned models with the baseline approach where we are just predicting the majority class?



**They all performed about the same.**



**The model learned using all words performed *much better* than the one using the only the *selected\_words*. And, the model learned using the *selected\_words* performed much better than just predicting the majority class.**



**The model learned using all words performed much better than the other two. The other two approaches performed about the same.**



**Predicting the simply majority class performed much better than the other two models.**

9.

In what range is the *‘predicted\_sentiment’* for the most positive review for *‘Baby Trend Diaper Champ’* according to the *sentiment\_model* from the IPython Notebook from lecture?



**Below 0.7**



**0.7 to 0.8**



**0.8 to 0.9**



**0.9 to 1.0**

10.

Consider the most positive review for *‘Baby Trend Diaper Champ’*according to the *sentiment\_model* from the IPython Notebook from lecture. In what range is the predicted\_sentiment for this review, if we use the *selected\_words\_model* to analyze it?



**Below 0.7**



**0.7 to 0.8**



**0.8 to 0.9**



**0.9 to 1.0**

11.

Why is the value of the *predicted\_sentiment* for the most positive review found using the *sentiment\_model*much more positive than the value predicted using the *selected\_words\_model*?



**The*sentiment\_model* is just too positive about everything.**



**The *selected\_words\_model*is just too negative about everything.**



**This review was positive, but used too many of the negative words in *selected\_words*.**



**None of the *selected\_words* appeared in the text of this review.**